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Agricultural Marketing Service

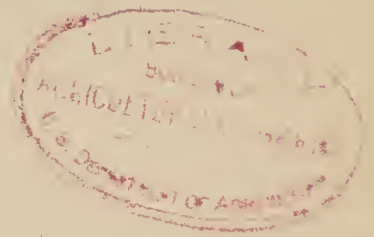
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MONTHLY EGG PRODUCTION  
1925-1939

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UNITED STATES  
AND  
GEOGRAPHIC DIVISIONS

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Washington, D. C.

May 1940



UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE

MONTHLY EGG PRODUCTION, 1925-39 1/

The number of layers in farm flocks is normally at a maximum in January when most of the pullets of the previous year's hatching have entered the laying flock, and is usually at a seasonal low point in August when most of the older and least profitable layers have been culled out. After August there is a recovery in numbers from the addition of pullets during the fall months up to the peak the following January. (Figure 1)

Variations from this normal seasonal pattern in any year are due mainly to the character of the season and to year-to-year changes in the number of layers. Allowing for the effect of long time trends of increase or decrease in the size of the laying flock in January (which averaged an increase of about 4 million birds yearly during the 1925-29 period, a 12-million decrease in the 1930-34 period, and a 5-million increase in the 1935-39 period) it is apparent that there has been but little change during these 15 years in the seasonal tendencies in number of layers. The only noticeable difference is the slightly earlier up-turn in numbers at mid-summer for the 1935-39 period. This is undoubtedly due to an increasing proportion of early-hatched pullets, probably resulting from the rapidly increasing purchases of hatchery chicks. On the average, hatchery chicks are somewhat earlier than farm-hatched chicks.

The seasonal downward trend in numbers of layers during the 7 months from January to August is ordinarily affected least by annual trends of change in number; after the laying flocks have reached their maximum size in January, producers are not inclined to sell their layers until the period of heavy laying is past. The annual variation from the 15-year average seasonal decline during these months was 2 percent. During the 5 months from August to January, when the change in the relative hatchings of the current year is reflected in the number of pullets entering the laying flock, the average variation was 3.7 percent.

Winter Egg Production Shows Increase

The most striking development shown during the 15-year period is the great increase in the rate of production of eggs per layer. The average of the aggregates of the 12 monthly layings per hen on hand of the last three years (1937-39) is 136 eggs per hen, compared with 117 during the first three years (1925-27), an increase of about 16 percent. The last three years are distinctly the highest of the series, and the first three the lowest. As winter weather conditions during the last three years have been unusually favorable, a comparison of the first 5 and the last 5 years of the series gives a better indication of the changes that have taken place. (Figure 1)

1/ This report is prepared principally to provide a background of comparable figures for the current monthly estimates of egg production which appear regularly in the monthly report, "Poultry and Egg Production."

The annual rate of production per layer on hand for the latter period is 10 percent greater than in the earlier period. Increases are shown in all months. For the 6 months of heavy laying, extending from February to July, inclusive, the aggregate gain in rate of production per layer on hand during the last 5-year period over the first was 4.5 eggs per layer, or about 6 percent. But for the 6 remaining months of normally light production, the gain was 7.2 eggs per layer, or 18 percent. For the 3 months of normally lightest production, i.e., January, November, and December, the increase is very large, totaling 11.5 eggs per layer, or about 26 percent.

The winters during the last 5-year period were mild and probably more favorable to egg production than those during the first period. Nevertheless, a considerable part of the increase, especially during the months of normally light production, is doubtless due to improved management practices for fall and winter egg production, and to an evident improvement in the laying capacity of the average hen.

The rapid increase in the rate of laying during the past 3 years has been associated with a marked increase in the proportion of chicks supplied by hatcheries, which has resulted in earlier average hatchings. A similar relation was observed in 1931 and 1932 when the highest annual production per layer then on record followed a great increase in the production of hatchery chicks in 1930. The increase in the laying rate during the past few years was also coincident with an improvement in the average quality of hatchery chicks, due to increase in the proportion of hatching eggs obtained from flocks under national poultry improvement programs.

Because of decreased numbers of layers, the total production of eggs during the 5 years (1935-39) averaged about 4 percent less than for the years 1925-29. Total production during the 6 months of seasonally lowest production, however, was 6 percent larger than during the earlier period. (Figure 1). This relationship resulted from the big gain in the fall and winter rate of laying.

The exceptionally high rate of lay during the last 3 years (1937-39) has about offset the smaller number of layers, and the total production of eggs has held close to the record high production of about 10 years ago. The number of layers in January 1939 was still about 6 percent less than the 10-year (1928-37) January average. By January 1, 1940, the number of layers was at the 10-year level and total production in 1939 exceeded the 10-year average by 1,628 million eggs, or about 5 percent. Compared with the 10-year average, total egg production from April to July, 1939, was moderately low, but from January to March and from August to December, it was very high.

## EXPLANATORY NOTES

The monthly estimates of the total number of layers, eggs per layer on hand, and total eggs produced are based on returns from about 20,000 crop correspondents who report for the first day of each month the total number of layers on hand and the total number of eggs produced "yesterday," i.e., current daily egg production.

Number of Layers: The average number of layers on hand during the month is the mean of the estimated number on the first of that month and the first day of the succeeding month. These estimates of the total number of layers on the first of each month are made on the basis of the monthly reports of layers on crop reporters' farms. The number of layers on farms January 1, as estimated annually, serves as the starting point for these monthly estimates.

Rate of Lay: The number of eggs laid during the month per layer on hand is the mean of the estimated rate on the first of that month and the rate on the first of the succeeding month. These estimates also are based upon the monthly returns. The estimated rate of lay makes allowance for the variation of the sample flocks from the average of all flocks. The reported rate of lay is affected by such factors as the size of flocks and the degree of commercialization. By multiplying the estimated daily average by the number of days in the month, the number of eggs produced per layer during the month is obtained.

Total Egg Production: After the average number of layers and the number of eggs produced per layer have been estimated for each month, the total monthly egg production is obtained by multiplying the number of layers by the number of eggs produced per layer. A preliminary indication of the total egg production for the year is obtained by adding the 12 monthly productions.

Adjustments at End of Year: The annual estimates of layers on January 1 of each year are based on several annual surveys secured from about 200,000 flocks, in addition to the returns from the regular monthly crop correspondents. The final estimates of layers may differ from the estimates based upon the monthly returns. Therefore, at the end of the year, it is usually necessary to make some adjustments in the number of layers on the first of each month so that these will be in agreement with the annual estimates. The monthly rates of lay are then applied to the adjusted number of layers to secure the adjusted total egg production for each month.

NUMBER OF LAYERS, RATE OF LAY, AND TOTAL EGG PRODUCTION  
MONTHLY 5-YEAR AVERAGES, 1925-39

UNITED STATES

TABLE 1

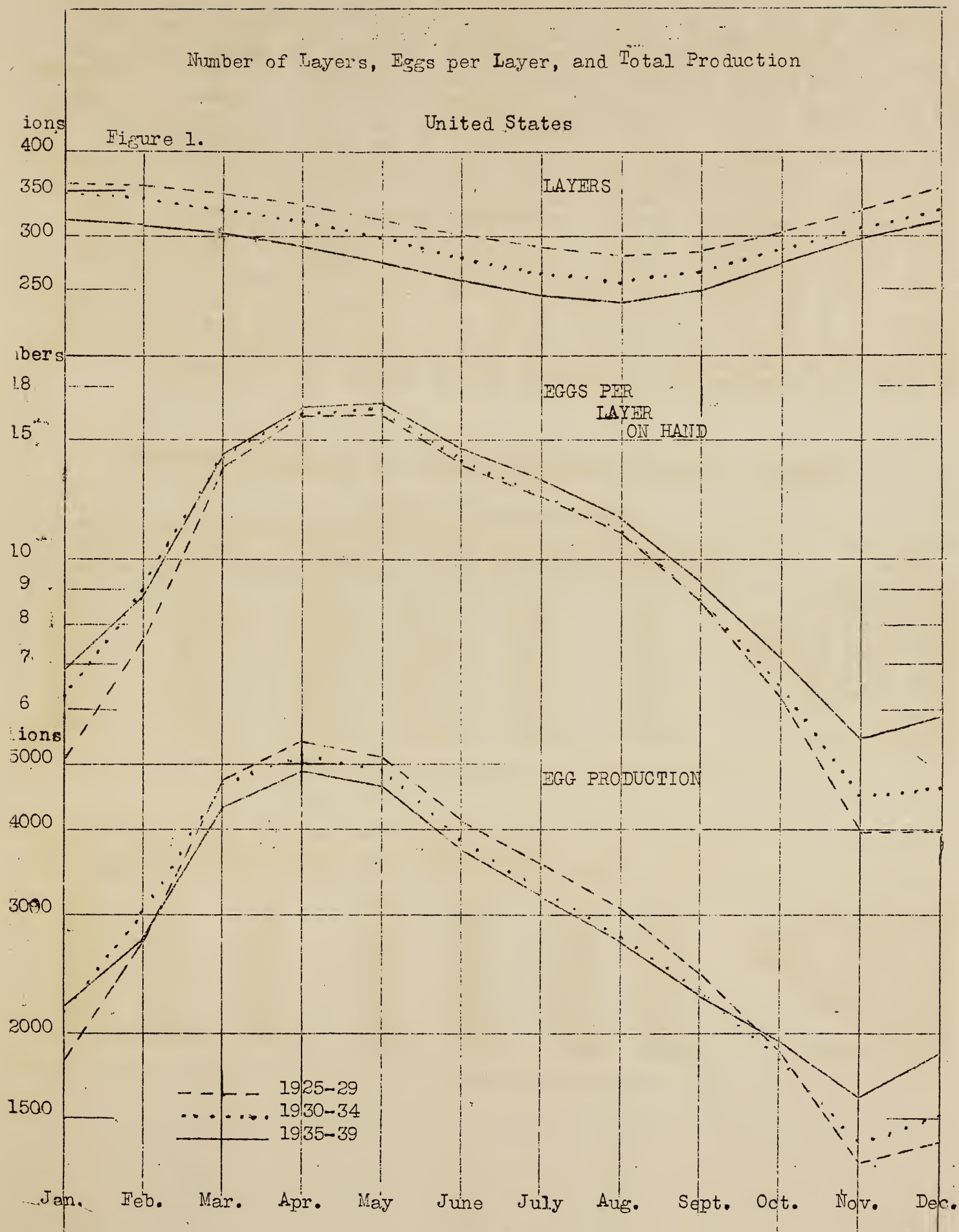
Average Number of Layers on Hand												
Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<u>Millions</u>											
1925-29	357	354	345	331	315	300	287	280	284	302	327	351
1930-34	347	339	327	313	295	277	262	255	264	284	305	327
1935-39	317	311	302	289	273	256	243	238	248	272	296	316
Monthly Production of Eggs per Layer on Hand <sup>1/</sup>												
	<u>Number</u>											
1925-29	5.1	7.7	13.7	16.3	16.2	13.7	12.4	10.9	8.6	6.2	4.0	4.0
1930-34	6.2	8.9	14.2	16.4	16.6	13.9	12.4	10.9	8.7	6.4	4.5	4.6
1935-39	6.9	8.8	14.3	16.9	16.9	14.5	13.0	11.4	9.2	7.1	5.4	5.9
Total Production of Eggs												
	<u>Millions</u>											
1925-29	1,819	2,720	4,722	5,386	5,107	4,124	3,554	3,049	2,447	1,873	1,295	1,387
1930-34	2,160	3,017	4,661	5,149	4,896	3,862	3,240	2,777	2,304	1,830	1,369	1,502
1935-39	2,184	2,740	4,329	4,871	4,618	3,718	3,178	2,719	2,271	1,939	1,610	1,857

<sup>1/</sup> Production per average number of layers during each month. Differs from production per layer given in annual estimates which relate to production per layer on January 1.

MONTHLY EGG PRODUCTION  
5-YEAR AVERAGE COMPARISONS

FIGURE 1

1925-1939



# MONTHLY EGG PRODUCTION BY GEOGRAPHIC AREAS

The monthly contribution of the various Geographic Divisions to the total United States egg supply is shown in Table 2 and Figure 1. The largest production throughout the year is in the West North Central States, closely followed by that in the East North Central. These two groups of States contributed, during the 5 years 1935-39, 47 percent of the total supply of eggs. The South Central and South Atlantic States, together, furnished about 26 percent, and the North Atlantic and Far Western States the remaining 27 percent of the total. However, the production of these last two highly commercial areas has a much greater influence on the commercial supply of eggs than their share of the total production would indicate. A large proportion of the eggs from the North Atlantic and Far Western area is produced by big commercial flocks, primarily for sale, with a correspondingly small proportion of them for consumption in producers' households. Also, a much greater proportion of these eggs are produced during the fall and winter months when total market supplies of fresh eggs are smallest. Their production reaches about 30 percent of the national total during that period, with their proportion of the total sales still larger. By contrast, the 5-year average production in the North Central States was 45 percent of the total for the fall and winter period, compared with 48 percent for the spring and summer period, and in the South the corresponding proportions were 25 percent and 27 percent.

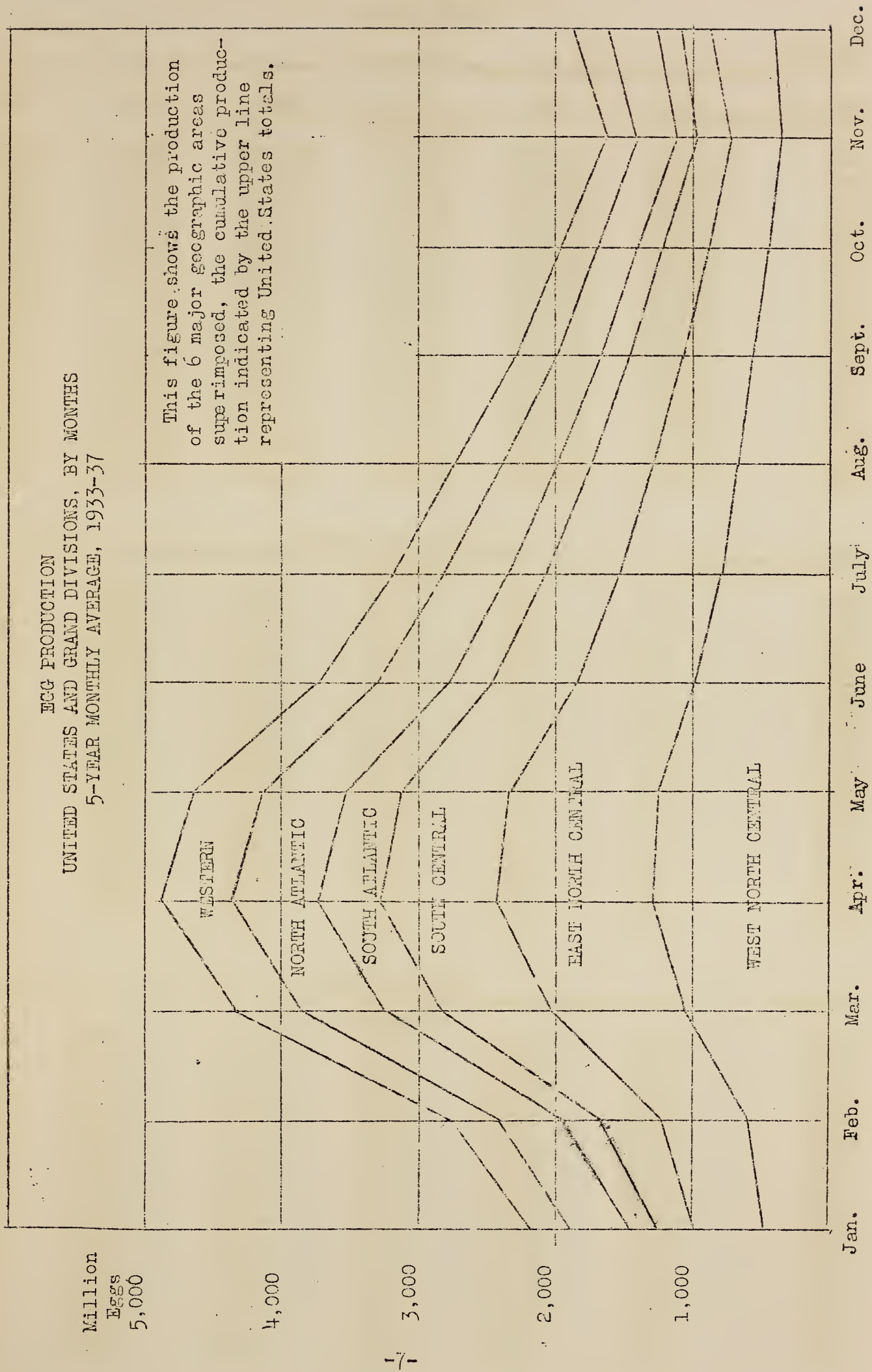
TABLE 2. - MONTHLY PRODUCTION OF EGGS, BY GEOGRAPHIC DIVISIONS

5-Year Averages, 1933-37

Area	January	February	March	April	May	June
North Atlantic	379	418	569	621	610	509
East North Central	488	597	947	1,132	1,099	862
West North Central	449	610	1,077	1,339	1,290	983
South Atlantic	168	235	385	428	394	316
South Central	288	452	783	861	767	587
Western	283	348	500	533	517	436
United States	2,055	2,660	4,260	4,913	4,678	3,693

Area	July	August	September	October	November	December	Total for year
North Atlantic	449	391	321	270	252	320	5,109
East North Central	710	600	489	392	319	377	8,012
West North Central	764	623	521	410	283	315	8,664
South Atlantic	283	251	207	170	130	131	3,098
South Central	503	432	366	317	226	215	5,797
Western	387	337	279	241	205	234	4,300
United States	3,096	2,634	2,183	1,801	1,415	1,591	34,979

FIGURE 2



## MONTHLY EGG PRODUCTION

## UNITED STATES

TABLE 3

Layers 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June
			Thousands			
1925	344,525	344,334	355,676	321,801	308,564	294,658
1926	348,105	346,338	337,547	323,630	308,269	296,266
1927	365,483	363,881	357,643	343,148	324,211	308,412
1928	376,161	369,816	357,309	341,787	322,603	306,742
1929	352,390	345,799	338,036	325,735	309,314	294,433
1930	366,770	360,227	349,276	332,413	312,234	293,103
1931	351,005	340,349	325,945	310,992	294,338	278,072
1932	337,285	329,945	317,265	303,499	287,822	272,055
1933	342,457	334,241	324,194	312,112	295,404	276,526
1934	336,220	329,412	319,580	305,089	286,155	267,331
1935	306,962	302,476	293,811	281,495	266,593	251,369
1936	317,227	310,971	302,932	291,306	275,313	259,076
1937	334,058	325,222	314,827	300,947	282,639	262,886
1938	306,833	301,305	291,947	278,351	262,488	247,957
1939	322,102	316,213	306,167	291,973	275,849	260,167

## Eggs Per 100 Layers

			Number			
1925	403	713	1,343	1,585	1,566	1,319
1926	528	791	1,363	1,608	1,645	1,392
1927	511	803	1,432	1,645	1,619	1,359
1928	523	790	1,340	1,609	1,620	1,385
1929	577	741	1,357	1,682	1,668	1,416
1930	525	868	1,522	1,682	1,661	1,411
1931	638	934	1,479	1,671	1,696	1,433
1932	673	944	1,408	1,624	1,659	1,400
1933	646	871	1,350	1,624	1,642	1,355
1934	641	836	1,353	1,626	1,633	1,360
1935	547	781	1,391	1,642	1,642	1,413
1936	600	770	1,323	1,654	1,654	1,408
1937	695	885	1,431	1,693	1,745	1,476
1938	789	993	1,539	1,746	1,728	1,492
1939	804	973	1,485	1,699	1,701	1,464

## Eggs Produced

			Millions			
1925	1,389	2,456	4,509	5,101	4,831	3,888
1926	1,838	2,740	4,602	5,205	5,070	4,124
1927	1,867	2,921	5,122	5,644	5,249	4,192
1928	1,967	2,921	4,788	5,501	5,226	4,249
1929	2,035	2,562	4,588	5,479	5,158	4,168
1930	1,924	3,128	5,316	5,590	5,188	4,136
1931	2,240	3,178	4,820	5,198	4,993	3,984
1932	2,270	3,114	4,468	4,928	4,775	3,809
1933	2,211	2,912	4,377	5,069	4,851	3,747
1934	2,155	2,754	4,324	4,962	4,673	3,636
1935	1,680	2,362	4,086	4,621	4,377	3,552
1936	1,904	2,393	4,008	4,817	4,555	3,649
1937	2,323	2,879	4,506	5,096	4,932	3,881
1938	2,421	2,991	4,493	4,860	4,535	3,700
1939	2,590	3,076	4,551	4,962	4,693	3,808

1/ Average number during month.

MONTHLY EGG PRODUCTION  
UNITED STATES

TABLE 3 Continued

Layers 1/

Year	July	Aug.	Sept.. <u>Thousands</u>	Oct..	Nov.	Dec.
1925	281,831	274,230	275,888	292,518	317,827	338,241
1926	284,252	274,875	279,853	297,674	322,578	350,936
1927	295,970	291,475	298,900	317,025	341,645	363,391
1928	292,596	283,080	286,059	301,800	322,849	344,166
1929	282,579	274,770	278,118	300,319	329,693	356,427
1930	277,942	269,257	280,820	303,878	324,162	344,208
1931	264,106	257,491	267,834	288,741	302,998	329,583
1932	259,475	253,399	263,379	282,418	305,189	331,288
1933	258,972	252,367	260,475	281,230	306,914	329,698
1934	250,772	241,039	246,530	263,862	285,471	302,633
1935	239,518	233,554	244,777	268,665	292,257	311,780
1936	246,045	240,925	254,495	279,583	304,516	327,926
1937	248,982	240,592	244,245	262,853	283,147	299,216
1938	236,497	233,624	245,129	268,531	293,110	314,123
1939	246,351	241,556	253,475	278,716	304,731	326,026

Eggs Per 100 Layers

			<u>Number</u>			
1925	1,196	1,060	851	595	360	380
1926	1,265	1,132	897	635	386	376
1927	1,207	1,046	810	587	397	378
1928	1,229	1,080	868	646	430	445
1929	1,288	1,136	890	641	408	400
1930	1,252	1,082	869	635	440	464
1931	1,286	1,162	933	694	504	516
1932	1,257	1,120	899	649	425	404
1933	1,193	1,059	823	599	414	450
1934	1,186	1,023	838	644	464	460
1935	1,277	1,111	880	679	495	497
1936	1,231	1,047	841	643	472	531
1937	1,338	1,211	986	760	564	597
1938	1,356	1,177	937	754	589	635
1939	1,325	1,166	929	736	605	679

Eggs Produced

			<u>Millions</u>			
1925	3,370	2,906	2,347	1,740	1,145	1,287
1926	3,595	3,111	2,511	1,889	1,244	1,319
1927	3,572	3,050	2,421	1,862	1,355	1,372
1928	3,595	3,058	2,483	1,951	1,387	1,533
1929	3,639	3,122	2,475	1,925	1,346	1,424
1930	3,480	2,913	2,440	1,930	1,426	1,596
1931	3,397	2,993	2,498	2,005	1,526	1,700
1932	3,262	2,838	2,369	1,832	1,296	1,337
1933	3,089	2,672	2,144	1,685	1,272	1,485
1934	2,974	2,467	2,067	1,700	1,324	1,393
1935	3,058	2,594	2,155	1,823	1,447	1,550
1936	3,030	2,522	2,141	1,799	1,436	1,742
1937	3,331	2,913	2,408	1,997	1,596	1,785
1938	3,206	2,750	2,296	2,025	1,725	1,996
1939	3,263	2,817	2,356	2,052	1,844	2,213

1/ Average number during month.

MONTHLY EGG PRODUCTION  
NORTH ATLANTIC DIVISION

TABLE 4

Year	Layers <u>1/</u>					
	Jan.	Feb.	Mar.	Apr.	May	June
	<u>Thousands</u>					
1925	38,678	38,952	37,902	36,162	34,945	33,172
1926	37,696	36,802	36,564	35,632	34,529	33,478
1927	38,451	38,026	37,472	36,198	34,560	33,322
1928	39,334	38,290	37,155	35,726	34,265	32,892
1929	37,654	36,976	36,378	35,032	33,102	31,510
1930	39,205	37,780	36,174	34,754	33,272	30,966
1931	37,391	36,575	34,953	33,683	32,614	30,971
1932	36,553	35,534	35,058	34,169	32,945	31,539
1933	38,190	37,621	36,481	34,932	34,000	32,446
1934	38,248	37,478	36,451	34,753	33,334	31,748
1935	36,960	36,178	35,274	34,250	32,894	31,307
1936	38,650	38,772	37,945	36,248	34,489	32,511
1937	41,680	40,323	39,376	37,811	35,802	34,087
1938	39,786	38,894	37,703	35,998	34,239	32,638
1939	40,984	40,143	38,704	36,801	35,144	33,407

Eggs Per 100 Layers

	<u>Number</u>					
1925	584	847	1,483	1,742	1,754	1,513
1926	722	867	1,535	1,650	1,781	1,550
1927	684	907	1,510	1,776	1,785	1,528
1928	719	938	1,421	1,707	1,792	1,569
1929	815	955	1,523	1,770	1,767	1,546
1930	862	1,067	1,601	1,787	1,821	1,582
1931	853	1,017	1,505	1,752	1,809	1,572
1932	988	1,165	1,509	1,697	1,779	1,550
1933	961	1,116	1,491	1,700	1,774	1,526
1934	952	1,006	1,443	1,744	1,812	1,594
1935	879	1,012	1,539	1,764	1,781	1,584
1936	906	1,042	1,521	1,735	1,737	1,532
1937	1,168	1,295	1,658	1,775	1,838	1,616
1938	1,101	1,211	1,660	1,797	1,805	1,599
1939	1,130	1,236	1,664	1,774	1,798	1,595

Eggs Produced

	<u>Millions</u>					
1925	226	330	562	630	613	502
1926	272	319	488	588	615	519
1927	263	345	566	643	617	509
1928	283	359	528	610	614	516
1929	306	353	554	620	585	487
1930	338	403	579	621	606	490
1931	319	372	526	590	590	487
1932	361	414	529	580	586	489
1933	367	420	544	594	603	495
1934	364	377	526	606	604	506
1935	325	366	543	604	586	496
1936	350	404	577	629	599	498
1937	487	522	653	671	658	551
1938	438	471	626	647	618	522
1939	463	496	644	653	632	533

1/ Average number during month.

MONTHLY EGG PRODUCTION  
NORTH ATLANTIC DIVISION

TABLE 4 Continued

Layers 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Thousands</u>						
1925	31,486	30,288	29,792	31,650	34,564	37,117
1926	32,062	30,423	29,932	32,334	35,102	37,460
1927	32,332	31,096	30,862	32,916	35,910	38,558
1928	31,257	29,776	29,760	32,816	35,442	36,762
1929	29,999	29,041	29,626	32,956	36,462	38,704
1930	29,406	29,032	30,344	37,203	35,254	36,646
1931	29,931	29,294	29,836	32,013	33,971	36,202
1932	30,240	29,854	30,573	33,103	35,764	37,758
1933	30,242	28,955	30,005	33,374	36,522	38,336
1934	29,633	28,709	30,028	32,220	34,554	36,626
1935	30,323	29,710	30,762	33,928	36,898	38,322
1936	31,265	30,663	32,514	35,842	38,530	41,307
1937	32,850	31,430	31,783	34,429	37,120	39,028
1938	31,280	31,286	32,706	35,157	38,192	40,549
1939	31,926	30,948	32,037	35,612	38,957	41,306

Eggs Per 100 Layers

<u>Number</u>						
1925	1,397	1,245	963	632	411	525
1926	1,438	1,315	1,026	633	456	523
1927	1,379	1,222	956	653	440	511
1928	1,417	1,256	964	676	519	645
1929	1,457	1,315	999	689	527	641
1930	1,472	1,323	1,028	717	570	707
1931	1,457	1,318	1,032	768	642	757
1932	1,425	1,276	981	719	579	678
1933	1,402	1,282	990	716	575	712
1934	1,474	1,313	1,039	725	657	775
1935	1,477	1,306	1,027	805	713	812
1936	1,423	1,275	1,012	784	670	845
1937	1,501	1,368	1,101	877	803	976
1938	1,487	1,304	1,046	905	822	954
1939	1,503	1,367	1,136	955	857	997

Eggs Produced

<u>Millions</u>						
1925	440	377	287	200	142	195
1926	461	400	307	220	160	196
1927	446	380	295	215	158	197
1928	443	374	287	222	184	237
1929	437	382	296	227	192	243
1930	433	384	312	238	201	259
1931	436	386	308	246	213	274
1932	431	377	300	238	207	256
1933	424	371	297	239	210	273
1934	437	377	312	256	227	284
1935	448	388	316	273	263	311
1936	445	391	329	281	258	349
1937	493	430	350	302	300	381
1938	465	408	342	318	314	387
1939	480	423	364	340	334	412

1/ Averagenumber during month.

MONTHLY EGG PRODUCTION  
EAST NORTH CENTRAL DIVISION

TABLE 5

Layers 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June
<u>Thousands</u>						
1925	77,726	77,388	76,122	73,396	70,244	66,809
1926	78,273	77,122	75,666	73,224	69,222	65,948
1927	80,354	79,779	78,414	74,930	70,676	66,848
1928	79,477	78,253	76,216	73,214	68,868	64,804
1929	74,186	72,891	71,394	69,502	65,962	61,677
1930	76,046	74,813	73,233	70,574	66,054	61,816
1931	75,530	73,342	70,594	67,532	63,552	60,107
1932	72,794	70,727	68,212	65,729	62,100	57,572
1933	74,913	73,302	71,188	68,901	65,156	60,572
1934	75,670	74,534	72,501	68,870	64,664	60,186
1935	69,642	69,115	67,216	64,257	60,328	55,924
1936	72,482	71,021	69,528	66,970	63,283	58,996
1937	75,532	73,400	70,870	67,862	63,771	58,347
1938	68,296	66,690	64,611	61,529	57,792	54,290
1939	70,536	69,300	67,190	63,874	59,869	56,062

Eggs Per 100 Layers

<u>Number</u>						
1925	376	671	1,320	1,628	1,617	1,346
1926	500	734	1,308	1,647	1,726	1,460
1927	459	762	1,460	1,728	1,705	1,417
1928	483	716	1,298	1,647	1,679	1,437
1929	553	696	1,347	1,737	1,756	1,490
1930	527	849	1,506	1,729	1,706	1,438
1931	645	911	1,448	1,694	1,753	1,479
1932	756	1,000	1,422	1,663	1,725	1,449
1933	687	868	1,320	1,641	1,702	1,402
1934	658	806	1,272	1,612	1,672	1,401
1935	583	784	1,391	1,699	1,729	1,490
1936	599	734	1,306	1,705	1,732	1,481
1937	777	933	1,453	1,745	1,828	1,563
1938	818	1,003	1,559	1,775	1,777	1,545
1939	846	984	1,490	1,728	1,769	1,541

Eggs Produced

<u>Millions</u>						
1925	292	519	1,005	1,195	1,136	899
1926	391	566	990	1,206	1,195	963
1927	369	608	1,145	1,295	1,205	947
1928	384	560	989	1,206	1,156	931
1929	414	507	962	1,207	1,158	919
1930	401	635	1,103	1,217	1,127	889
1931	467	668	1,022	1,144	1,114	889
1932	550	707	970	1,093	1,071	834
1933	515	638	940	1,131	1,109	849
1934	498	601	920	1,110	1,081	843
1935	406	542	935	1,092	1,043	833
1936	434	521	908	1,142	1,096	874
1937	587	635	1,030	1,184	1,166	912
1938	559	669	1,007	1,092	1,027	839
1939	597	682	1,001	1,104	1,059	864

MONTHLY EGG PRODUCTION  
EAST NORTH CENTRAL DIVISION

TABLE 5 Continued

TABLE 5 Continued			Layers <sup>1/</sup>			
Year	July	Aug.	Sept.	Oct.	Nov.	Dec.
			<u>Thousands</u>			
1925	63,554	61,035	60,461	64,702	70,812	75,746
1926	62,702	60,359	60,278	62,966	69,206	76,060
1927	63,126	60,959	61,402	65,202	71,525	77,113
1928	60,419	57,556	58,083	62,240	67,887	72,514
1929	58,186	55,762	55,402	60,411	67,492	73,463
1930	58,406	56,338	57,755	62,552	69,060	74,132
1931	56,368	53,711	55,620	60,537	60,406	71,691
1932	54,302	52,694	54,529	59,772	66,070	72,184
1933	56,764	54,916	56,055	60,738	67,958	74,012
1934	56,030	53,014	53,569	58,032	64,258	68,583
1935	52,660	50,840	52,956	59,040	65,578	71,142
1936	55,014	53,276	55,567	61,116	68,562	74,526
1937	53,748	50,916	51,724	56,729	62,620	67,073
1938	50,964	49,556	51,777	57,838	64,136	68,802
1939	52,417	51,085	53,604	59,823	66,899	71,377

<u>Eggs Per 100 Layers</u>						
			<u>Number</u>			
1925	1,210	1,094	893	595	322	346
1926	1,319	1,183	951	632	332	325
1927	1,244	1,088	831	564	354	348
1928	1,273	1,143	930	673	432	448
1929	1,335	1,194	930	627	388	397
1930	1,288	1,124	906	639	434	465
1931	1,325	1,214	987	710	523	572
1932	1,302	1,182	959	673	421	416
1933	1,224	1,094	838	583	388	438
1934	1,228	1,088	894	655	481	487
1935	1,339	1,172	912	676	505	514
1936	1,291	1,106	887	654	481	574
1937	1,401	1,249	1,001	753	580	644
1938	1,425	1,261	977	771	633	692
1939	1,410	1,253	985	771	662	761

<u>Eggs Produced</u>						
			<u>Millions</u>			
1925	769	668	540	385	228	262
1926	827	717	573	398	230	250
1927	785	663	510	368	253	268
1928	769	658	540	419	293	325
1929	777	666	515	379	262	292
1930	752	633	523	400	300	345
1931	747	652	549	430	316	410
1932	707	623	523	402	278	300
1933	695	601	470	354	264	324
1934	688	577	479	380	309	334
1935	705	596	483	399	331	366
1936	710	589	493	400	330	428
1937	753	636	518	427	363	432
1938	726	625	506	446	406	476
1939	739	640	528	461	443	543

<sup>1/</sup> Average number during month.

MONTHLY EGG PRODUCTION  
WEST NORTH CENTRAL DIVISION

TABLE 6

Layers 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June
<u>Thousands</u>						
1925	102,880	103,106	100,812	97,096	93,236	88,594
1926	105,912	106,854	104,328	100,038	95,294	91,252
1927	108,511	108,722	107,000	103,338	97,962	92,349
1928	107,398	106,448	103,861	100,255	94,772	89,670
1929	104,615	103,130	101,497	98,848	94,584	90,106
1930	110,630	109,636	108,044	103,313	96,896	89,534
1931	104,280	100,793	97,360	94,267	88,478	81,290
1932	98,296	95,986	92,080	88,581	84,110	78,882
1933	98,124	95,236	93,430	91,258	86,054	79,640
1934	98,484	96,804	94,367	90,166	83,204	75,896
1935	84,140	82,642	79,302	76,856	72,791	67,672
1936	84,230	81,467	80,054	78,482	73,973	68,522
1937	86,493	84,464	82,546	79,907	74,490	67,668
1938	78,246	77,459	75,568	72,871	68,379	63,084
1939	86,370	85,302	83,091	80,145	75,480	69,676

Eggs Per 100 Layers

<u>Number</u>						
1925	291	614	1,263	1,549	1,536	1,285
1926	446	736	1,306	1,553	1,593	1,327
1927	416	700	1,321	1,572	1,575	1,318
1928	445	718	1,363	1,557	1,575	1,348
1929	466	599	1,223	1,621	1,647	1,383
1930	395	771	1,472	1,647	1,635	1,394
1931	591	914	1,457	1,640	1,670	1,391
1932	524	771	1,253	1,549	1,623	1,350
1933	573	794	1,265	1,592	1,640	1,315
1934	527	768	1,319	1,597	1,592	1,302
1935	391	645	1,279	1,604	1,646	1,405
1936	469	561	1,138	1,617	1,659	1,392
1937	500	662	1,244	1,627	1,730	1,442
1938	675	869	1,452	1,766	1,767	1,522
1939	719	850	1,388	1,709	1,734	1,490

Eggs Produced

<u>Millions</u>						
1925	299	633	1,273	1,504	1,432	1,138
1926	472	786	1,363	1,554	1,518	1,211
1927	451	761	1,414	1,624	1,543	1,217
1928	478	764	1,312	1,561	1,493	1,209
1929	488	618	1,241	1,602	1,558	1,246
1930	437	845	1,590	1,710	1,584	1,248
1931	616	921	1,417	1,546	1,478	1,131
1932	515	740	1,154	1,372	1,365	1,065
1933	562	757	1,182	1,453	1,411	1,047
1934	519	743	1,245	1,440	1,325	988
1935	329	533	1,021	1,233	1,198	951
1936	395	457	911	1,269	1,227	954
1937	440	559	1,027	1,300	1,289	976
1938	528	673	1,097	1,287	1,208	960
1939	621	725	1,153	1,370	1,309	1,038

1/ Average number during month.

MONTHLY EGG PRODUCTION  
WEST NORTH CENTRAL DIVISION

TABLE 6 Continued

Layers 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.
			<u>Thousands</u>			
1925	84,430	81,922	82,368	87,030	95,562	102,244
1926	86,752	82,302	82,940	87,432	94,102	103,037
1927	87,006	84,485	85,176	89,030	96,450	104,054
1928	85,290	81,132	81,400	85,852	93,020	101,256
1929	84,859	79,905	80,186	87,202	96,754	106,491
1930	83,398	78,561	81,208	88,327	94,894	101,918
1931	74,902	71,700	74,490	81,098	87,416	94,535
1932	73,228	70,238	72,787	77,047	84,362	94,144
1933	72,884	69,810	71,453	77,230	86,044	94,998
1934	69,100	64,854	65,931	71,064	77,660	82,667
1935	62,616	59,176	61,621	68,332	75,618	82,338
1936	62,423	59,180	63,248	70,111	77,529	84,773
1937	62,318	59,381	60,104	64,926	71,187	76,206
1938	59,152	57,443	59,575	66,320	74,481	82,391
1939	64,470	61,799	63,870	70,797	79,628	87,329

Eggs Per 100 Layers

			<u>Number</u>			
1925	1,148	1,011	818	537	287	296
1926	1,163	1,018	782	534	307	281
1927	1,139	978	750	528	340	290
1928	1,182	1,034	845	619	368	365
1929	1,229	1,088	859	595	333	295
1930	1,198	1,023	835	590	367	391
1931	1,204	1,093	881	621	420	408
1932	1,179	1,049	849	584	535	312
1933	1,121	1,010	775	518	320	349
1934	1,054	854	719	540	341	301
1935	1,230	1,044	836	622	387	378
1936	1,126	902	756	549	344	400
1937	1,287	1,187	975	702	445	454
1938	1,368	1,191	938	698	486	533
1939	1,331	1,168	921	661	506	591

Eggs Produced

			<u>Millions</u>			
1925	969	828	674	467	274	303
1926	1,009	838	649	467	289	290
1927	991	826	639	470	328	302
1928	1,008	839	688	531	342	370
1929	1,043	869	689	519	322	314
1930	999	804	678	512	348	399
1931	902	784	656	504	367	386
1932	863	737	618	450	283	294
1933	817	705	554	400	275	332
1934	728	554	474	384	265	249
1935	770	618	515	425	293	311
1936	703	534	478	395	267	339
1937	802	705	586	456	317	346
1938	809	684	559	463	362	439
1939	858	722	588	468	403	516

1/ Average number during month.

MONTHLY EGG PRODUCTION  
SOUTH ATLANTIC DIVISION

TABLE 7

Layers 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June
<u>Thousands</u>						
1925	33,096	33,515	32,918	31,091	29,384	28,114
1926	32,172	31,938	30,847	29,138	27,919	27,318
1927	34,046	33,242	32,217	31,138	30,037	29,194
1928	36,300	35,572	34,248	32,476	30,518	29,306
1929	32,220	31,487	30,704	29,230	27,984	27,022
1930	33,131	32,496	30,965	28,854	27,265	26,352
1931	30,908	30,030	29,068	27,508	26,176	25,548
1932	31,055	30,696	29,501	27,637	25,942	25,300
1933	31,716	30,732	29,674	28,308	26,546	25,228
1934	29,393	28,506	27,496	26,433	25,315	24,222
1935	28,952	28,646	27,946	26,640	25,232	24,162
1936	29,920	29,096	28,213	26,668	25,342	24,630
1937	32,389	31,303	30,173	28,592	26,563	25,224
1938	29,469	28,749	27,596	26,028	24,598	23,725
1939	30,939	30,037	28,843	27,146	25,762	24,804

Eggs Per 100 Layers

<u>Number</u>						
1925	447	731	1,321	1,489	1,450	1,224
1926	504	786	1,352	1,524	1,519	1,300
1927	558	881	1,484	1,615	1,531	1,281
1928	510	793	1,334	1,537	1,511	1,286
1929	562	788	1,365	1,557	1,451	1,240
1930	531	892	1,473	1,570	1,526	1,294
1931	505	833	1,362	1,516	1,520	1,307
1932	647	964	1,420	1,556	1,538	1,285
1933	558	836	1,361	1,565	1,518	1,253
1934	575	730	1,240	1,532	1,513	1,251
1935	490	740	1,356	1,543	1,478	1,258
1936	495	763	1,340	1,579	1,523	1,291
1937	627	888	1,405	1,612	1,604	1,340
1938	719	1,009	1,576	1,675	1,606	1,361
1939	705	965	1,494	1,610	1,572	1,334

Eggs Produced

<u>Millions</u>						
1925	148	245	435	463	426	344
1926	162	251	417	444	424	355
1927	190	293	478	503	460	374
1928	185	382	457	499	461	377
1929	181	248	419	455	406	335
1930	176	290	456	453	416	341
1931	156	250	396	417	398	354
1932	201	296	419	430	399	325
1933	177	257	404	443	403	316
1934	169	208	341	405	383	303
1935	142	212	379	411	373	304
1936	148	222	378	421	386	318
1937	203	278	424	461	426	338
1938	212	290	435	436	395	323
1939	218	290	431	437	405	331

1/ Average number during month.

MONTHLY EGG PRODUCTION  
SOUTH ATLANTIC DIVISION

TABLE 7 Continued

Layers 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Thousands</u>						
1925	26,989	26,424	26,771	28,276	30,467	31,904
1926	26,446	26,044	27,031	28,714	30,870	33,139
1927	28,458	28,434	29,407	31,012	33,134	35,274
1928	28,376	27,859	28,221	29,260	30,592	32,072
1929	26,710	26,982	27,966	29,936	32,003	33,179
1930	25,227	24,792	26,547	27,868	28,946	30,608
1931	25,003	25,120	26,168	27,665	29,059	30,357
1932	24,924	24,569	25,824	27,083	28,454	30,816
1933	23,880	23,362	24,488	26,065	27,774	29,343
1934	23,590	23,271	24,177	25,813	27,065	28,394
1935	23,430	23,544	24,916	26,654	28,661	30,176
1936	23,938	23,465	24,612	27,162	29,366	31,456
1937	24,488	24,067	24,787	26,281	27,254	28,600
1938	23,137	23,510	24,548	26,425	28,334	30,319
1939	23,784	24,015	25,674	27,849	29,602	31,620

Eggs Per 100 Layers

<u>Number</u>						
1925	1,149	1,014	781	576	364	364
1926	1,236	1,102	869	634	408	407
1927	1,191	1,023	775	574	399	397
1928	1,163	1,023	787	574	405	421
1929	1,157	997	769	568	384	380
1930	1,181	1,012	786	585	408	382
1931	1,208	1,067	845	647	472	484
1932	1,164	1,001	786	606	404	354
1933	1,143	1,019	792	595	418	429
1934	1,162	1,053	843	647	440	409
1935	1,165	1,036	811	638	478	414
1936	1,211	1,087	849	644	463	448
1937	1,246	1,134	908	700	514	514
1938	1,236	1,034	815	685	544	571
1939	1,181	1,020	818	686	551	582

Eggs Produced

<u>Millions</u>						
1925	310	268	209	163	111	116
1926	327	287	235	182	126	135
1927	339	291	228	178	132	140
1928	330	285	222	168	124	135
1929	309	269	215	170	123	126
1930	298	251	207	163	118	117
1931	302	263	221	179	137	147
1932	290	246	203	164	115	109
1933	273	233	194	155	116	126
1934	274	245	205	167	119	116
1935	273	244	202	170	137	125
1936	290	255	209	175	136	141
1937	305	273	225	184	140	147
1938	286	241	200	181	154	173
1939	281	245	210	191	163	184

1/ Average number during month.

MONTHLY EGG PRODUCTION  
SOUTH CENTRAL DIVISION

TABLE 8

Layers 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June
			Thousands			
1925	63,347	62,331	59,598	56,816	54,352	52,255
1926	63,972	63,752	61,064	57,276	54,019	52,130
1927	70,917	70,326	68,858	64,938	60,296	57,394
1928	76,550	74,823	70,142	65,356	60,698	59,060
1929	67,594	65,530	63,198	59,175	55,156	53,343
1930	70,314	69,062	65,532	60,492	56,292	53,454
1931	65,682	63,566	59,344	55,270	52,026	50,090
1932	65,068	64,126	60,468	56,280	53,003	50,827
1933	67,904	65,953	63,212	59,267	54,938	51,468
1934	62,601	60,718	58,525	55,610	51,846	48,987
1935	58,344	57,329	55,574	52,322	49,156	47,178
1936	61,045	60,201	57,662	54,274	50,658	47,693
1937	64,908	63,164	60,444	56,728	53,194	50,243
1938	60,185	59,465	57,313	53,819	50,365	48,076
1939	63,735	62,805	60,509	57,279	54,191	51,889

Eggs Per 100 Layers

			Number			
1925	362	716	1,361	1,508	1,435	1,196
1926	430	747	1,376	1,568	1,533	1,287
1927	481	820	1,470	1,593	1,498	1,235
1928	436	740	1,320	1,555	1,519	1,256
1929	491	723	1,378	1,656	1,541	1,264
1930	368	776	1,471	1,574	1,503	1,227
1931	461	794	1,370	1,554	1,532	1,262
1932	536	897	1,429	1,565	1,506	1,249
1933	487	779	1,516	1,551	1,450	1,158
1934	494	753	1,333	1,522	1,466	1,155
1935	387	674	1,326	1,514	1,416	1,189
1936	450	731	1,327	1,557	1,493	1,224
1937	459	750	1,372	1,586	1,543	1,250
1938	618	917	1,506	1,672	1,594	1,331
1939	607	871	1,443	1,622	1,556	1,289

Eggs Produced

			Millions			
1925	229	446	811	857	780	625
1926	275	476	840	898	828	671
1927	341	573	1,012	1,034	903	709
1928	334	554	926	1,016	922	729
1929	332	474	871	980	850	674
1930	259	536	964	952	846	656
1931	303	505	817	859	797	632
1932	349	575	864	881	798	635
1933	331	514	832	919	802	596
1934	309	445	751	847	760	566
1935	226	387	737	792	696	561
1936	275	440	765	845	756	584
1937	298	474	829	900	821	628
1938	372	545	863	900	803	640
1939	387	547	876	929	843	669

1/ Average number during month.

MONTHLY EGG PRODUCTION  
SOUTH CENTRAL DIVISION

TABLE 8 Continued

Year	Layers <u>1/</u>					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
			Thousands			
1925	50,440	49,859	50,950	54,044	58,416	62,042
1926	50,824	50,346	53,202	57,738	62,761	68,174
1927	56,534	57,374	61,944	66,655	69,956	71,614
1928	55,780	55,310	57,675	60,074	62,614	66,452
1929	52,688	53,132	55,326	58,648	62,762	67,858
1930	51,766	51,456	55,116	59,774	61,822	64,432
1931	48,990	49,726	53,368	57,076	59,954	63,382
1932	49,988	49,738	52,478	56,822	60,407	65,236
1933	49,334	49,790	52,396	55,800	58,048	61,178
1934	46,920	45,990	47,787	50,727	54,218	57,520
1935	46,253	46,392	50,050	54,522	57,154	59,718
1936	47,194	48,384	51,728	56,222	59,010	63,112
1937	49,472	49,328	50,412	55,332	55,944	58,549
1938	46,601	46,778	50,615	55,475	59,075	62,286
1939	50,017	50,091	53,893	57,846	60,763	63,805

Eggs Per 100 Layers

	Number					
1925	1,073	931	754	561	361	324
1926	1,192	1,073	880	669	400	362
1927	1,093	935	738	573	389	325
1928	1,090	924	740	599	407	361
1929	1,154	993	786	612	376	305
1930	1,049	869	706	572	380	337
1931	1,135	1,018	817	639	440	393
1932	1,108	959	783	584	362	276
1933	1,007	862	676	539	365	347
1934	985	833	703	587	406	344
1935	1,079	913	733	600	411	350
1936	1,064	873	684	546	369	357
1937	1,122	1,003	833	664	438	391
1938	1,176	981	786	654	474	462
1939	1,118	946	743	598	449	450

Eggs Produced

	Millions					
1925	541	464	384	314	211	201
1926	606	540	468	386	261	247
1927	618	541	457	362	272	233
1928	608	511	427	360	255	240
1929	608	530	435	359	236	207
1930	543	447	389	342	255	217
1931	556	506	436	365	264	249
1932	554	477	411	372	219	180
1933	497	429	354	301	212	212
1934	462	383	336	298	220	198
1935	499	426	367	327	235	209
1936	502	425	354	307	218	225
1937	555	495	420	354	245	229
1938	548	459	398	363	280	288
1939	559	474	399	346	273	287

1/ Average number during month.

## MONTHLY EGG PRODUCTION

## WESTERN DIVISION

TABLE 9

Layers 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June
			Thousands			
1925	28,798	29,042	28,324	27,240	26,403	25,714
1926	30,080	29,890	29,078	28,322	27,287	26,140
1927	33,204	33,586	33,702	32,616	30,680	29,305
1928	37,102	36,367	35,687	34,760	33,482	32,010
1929	36,121	35,785	34,865	33,948	32,526	30,775
1930	37,444	36,440	35,328	34,126	32,515	30,981
1931	37,214	36,013	34,416	32,732	31,492	30,066
1932	33,519	32,876	31,946	31,103	29,722	27,935
1933	31,610	31,147	30,209	29,446	28,710	27,172
1934	31,824	31,372	30,440	29,227	27,792	26,292
1935	28,924	28,506	27,999	27,170	26,192	25,126
1936	30,850	30,414	29,530	28,664	27,588	26,724
1937	33,056	32,568	31,418	30,047	28,869	27,312
1938	30,857	30,048	29,151	28,106	27,115	26,144
1939	29,488	28,626	27,830	26,728	25,403	24,329

## Eggs Per 100 Layers

			Number			
1925	677	974	1,493	1,659	1,682	1,478
1926	884	1,144	1,733	1,818	1,796	1,549
1927	762	1,000	1,504	1,671	1,698	1,488
1928	817	1,105	1,614	1,752	1,732	1,521
1929	869	1,012	1,552	1,812	1,848	1,647
1930	836	1,150	1,766	1,867	1,873	1,653
1931	965	1,282	1,865	1,961	1,956	1,700
1932	877	1,162	1,665	1,839	1,871	1,650
1933	819	1,047	1,572	1,797	1,822	1,634
1934	930	1,211	1,777	1,896	1,871	1,635
1935	871	1,130	1,682	1,800	1,836	1,620
1936	979	1,147	1,588	1,783	1,780	1,575
1937	932	1,108	1,728	1,930	1,981	1,743
1938	1,011	1,142	1,595	1,772	1,785	1,591
1939	1,031	1,174	1,603	1,755	1,752	1,533

## Eggs Produced

			Millions			
1925	195	283	423	452	444	380
1926	266	342	504	515	490	405
1927	253	336	507	545	521	436
1928	303	402	576	609	580	487
1929	314	362	541	615	601	507
1930	313	419	624	637	609	512
1931	359	462	642	642	616	511
1932	294	382	532	572	556	461
1933	259	326	475	529	523	444
1934	296	380	541	554	520	430
1935	252	322	471	489	481	407
1936	302	349	469	511	491	421
1937	308	361	543	580	572	476
1938	312	343	465	498	484	416
1939	304	336	446	469	445	373

1/ Average number during month.

## MONTHLY EGG PRODUCTION

## WESTERN DIVISION

TABLE 9 Continued

Layers 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.
			Thousands			
1925	24,832	24,702	25,546	26,826	28,006	29,188
1926	25,466	25,396	26,470	28,590	30,537	32,166
1927	28,514	28,627	30,109	32,210	34,680	36,778
1928	31,474	31,447	30,920	31,558	33,294	35,110
1929	30,137	29,948	29,612	31,166	34,220	36,732
1930	29,739	29,078	30,050	32,154	34,186	36,472
1931	28,912	27,940	28,352	30,352	32,212	33,416
1932	26,784	26,606	27,138	28,536	30,134	31,150
1933	25,868	25,554	26,078	28,023	30,568	31,831
1934	25,494	25,201	25,038	26,006	27,716	28,843
1935	24,236	23,892	24,472	26,189	28,348	30,084
1936	26,311	25,952	26,826	29,130	31,519	32,752
1937	26,106	25,470	25,430	27,156	29,022	29,760
1938	25,363	25,251	25,908	27,316	28,892	29,776
1939	23,737	23,618	24,597	26,739	28,832	30,589

## Eggs Per 100 Layers

			Number			
1925	1,368	1,219	990	787	639	719
1926	1,433	1,295	1,054	825	616	625
1927	1,378	1,219	970	773	611	631
1928	1,388	1,243	1,032	795	568	644
1929	1,543	1,356	1,098	870	617	645
1930	1,530	1,355	1,101	855	655	710
1931	1,570	1,421	1,157	926	695	700
1932	1,557	1,421	1,155	861	644	636
1933	1,481	1,284	1,055	842	638	685
1934	1,510	1,313	1,042	827	664	735
1935	1,498	1,348	1,111	874	663	758
1936	1,450	1,264	1,036	862	720	794
1937	1,620	1,468	1,215	1,009	796	840
1938	1,467	1,319	1,123	930	723	783
1939	1,458	1,325	1,085	918	789	886

## Eggs Produced

			Millions			
1925	341	301	253	211	179	210
1926	365	329	279	236	188	201
1927	393	349	292	249	212	232
1928	437	391	319	251	189	226
1929	465	406	325	271	211	237
1930	455	394	331	275	224	259
1931	454	397	328	281	224	234
1932	417	373	314	246	194	198
1933	383	328	275	236	195	218
1934	385	331	261	215	184	212
1935	363	322	272	229	188	228
1936	380	328	278	251	227	260
1937	423	374	309	274	231	250
1938	372	333	291	254	209	233
1939	346	313	267	246	228	271

